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Hilceriy BPSPT-1

Hilceriy Wired Bicycle Speedometer User Manual

Model: BPSPT-1

INTRODUCTION

The Hilceriy Wired Bicycle Speedometer is a multifunctional, waterproof device designed to enhance your cycling experience by providing accurate tracking of various riding data. This manual will guide you through the installation, operation, and maintenance of your new bike computer, ensuring you get the most out of its features.

It measures essential data such as average speed, maximum speed, kilometers, riding time, and distance. Additionally, it includes advanced functions like calorie tracking and temperature display. Its compact, portable, and waterproof design makes it an ideal accessory for any serious cyclist or fitness enthusiast.

PACKAGE CONTENTS

Before you begin, please ensure all components are present in the package:

IPX6 Waterproof and Backlight

You can enjoy cycling even in rainy days



Image: Package contents including the computer unit, five cable ties, a magnet, the packing box, the sensor and wire bracket, and the user manual.

- Bicycle Computer Unit
- Sensor and Wire Bracket
- Magnet
- Cable Ties (5 pieces)
- User Manual
- CR2032 Battery (pre-installed or included)

SETUP AND INSTALLATION

Follow these steps to correctly install your Hilceriy Bicycle Speedometer:

1. **Install the Computer Unit:** Mount the computer unit onto your bicycle handlebars using the provided bracket. Ensure it is securely fastened and positioned for easy viewing.



Image: The bicycle computer unit mounted on handlebars, demonstrating its display and water resistance.

2. **Install the Sensor and Magnet:** Attach the sensor to your front fork and the magnet to a spoke on your front wheel. The distance between the sensor and the magnet should be within 5mm for accurate readings. Use the cable ties to secure the sensor wire along the fork and frame.
3. **Battery Installation:** The unit typically comes with a CR2032 battery pre-installed. If not, open the battery compartment on the back of the unit and insert the CR2032 battery with the positive (+) side facing up.
4. **Initial Setup and Tire Circumference:**
 After installation, you will need to set the tire circumference for accurate speed and distance measurements. Refer to the table below or the included manual for common tire sizes and their corresponding circumference values. This setting is crucial for the device's accuracy.

Common Tire Circumference Values (mm)

Tire Size	Circumference (mm)
700x23C	2096
26x1.75	2045

Tire Size	Circumference (mm)
27x1 1/4	2155
29x2.1	2288
20x1.75	1590

To enter the setting mode, typically press and hold the "SET" button. Use "MODE" to change values and "SET" to confirm and move to the next setting. Consult the detailed instructions in the included paper manual for specific button sequences.

OPERATING INSTRUCTIONS

The Hilceriy Bicycle Speedometer offers a variety of functions accessible via its intuitive interface.

Display Modes and Functions

Press the "MODE" button to cycle through different display interfaces and functions. The unit provides real-time data for various metrics:

Multifunctional Bike Computer



Speedometer



Odometer



Backlight



Calories

Image: Examples of the multifunctional display, showing current speed, distance, average speed, maximum speed, calories burned, temperature, and time.

- **SPEED:** Current riding speed (Km/hr or Mph).
- **DST:** Single trip distance.
- **TM:** Riding time for the current trip.
- **AVS:** Average speed of the current trip.
- **MXS:** Maximum speed achieved during the current trip.
- **ODO:** Total accumulated distance (Odometer).
- **CAL:** Calories burned during the ride.
- **TEMP:** Current ambient temperature.
- **CLOCK:** Current time.

Backlight Function

The unit features a backlight for easy viewing in low-light conditions. To activate the backlight, simultaneously press the "SET" and "MODE" buttons. The backlight provides clear visibility without irritating the eyes, useful for tunnels or night riding.



Day Mode

Night Mode

Image: Day Mode vs. Night Mode display, illustrating the effectiveness of the backlight.

Automatic Wake-up Function

The bicycle computer enters sleep mode after 3 minutes of no signal input to conserve battery. When you touch the screen or begin cycling, the odometer automatically wakes up and resumes operation, retaining previous data. This function ensures data continuity and battery efficiency.

MAINTENANCE

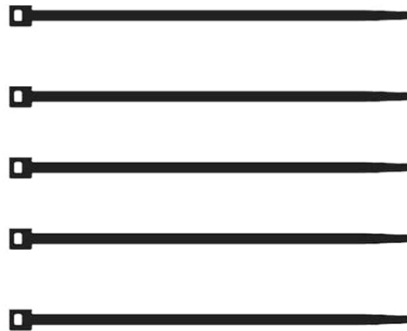
Proper maintenance will extend the life and ensure the accuracy of your Hilceriy Bicycle Speedometer.

- **Water Resistance (IPX6):** The device is rated IPX6 waterproof, meaning it can withstand strong jets of water and is suitable for use in rainy conditions. However, prolonged submersion or direct high-pressure water jets should be avoided. Note that in heavy rain, the temperature reading might temporarily become inaccurate as it measures water temperature instead of air temperature, but other functions will remain normal.

What is Included?



Computer Unit



Cable Tie *5



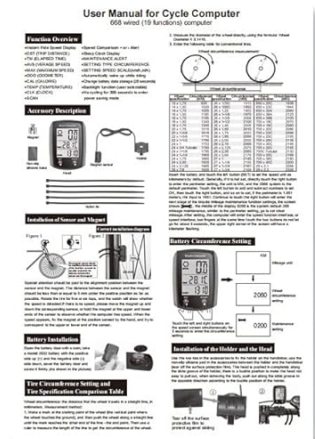
Magnet



Packing Box



Sensor and Wire Bracket



Manual

Image: The bicycle computer in a rainy environment, highlighting its IPX6 waterproof feature.

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** When the display becomes dim or unresponsive, it's time to replace the CR2032 battery. Ensure the unit is dry before opening the battery compartment.
- **Storage:** Store the unit in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

If you encounter issues with your Hilcery Bicycle Speedometer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No speed reading or inaccurate data	Sensor/magnet misalignment or distance too large. Incorrect tire circumference setting. Battery low or dead. Sensor wire damaged.	Adjust sensor and magnet to be within 5mm. Verify and correct the tire circumference setting (refer to Setup section). Replace the CR2032 battery. Check for visible damage to the wire; contact support if damaged.
Display is dim or blank	Low battery. Unit in sleep mode.	Replace the CR2032 battery. Touch the screen or start cycling to wake up the unit.
Difficulty with programming/settings	Unfamiliarity with button functions.	Carefully re-read the "Initial Setup" section and the included paper manual for specific button sequences ("SET" and "MODE" buttons).

SPECIFICATIONS

Feature	Detail
Model Number	BPSPT-1
Display Type	LCD
Color	Black
Main Material	Plastic
Dimensions (L x W x H)	2.08 x 5.97 x 4.47 cm (approx. 21L x 60W x 45H mm)
Weight	82 grams
Battery Type	1 x CR2032 (included)
Waterproof Rating	IPX6
Sensor Type	Speed Sensor
Mounting Type	Handlebar Mount
Interface Input	Buttons

WARRANTY AND SUPPORT

Hilceriy is committed to providing quality products and customer satisfaction. While specific warranty details are not provided here, the Hilceriy team is ready to assist you with any inquiries or issues you may encounter with your product. For support, please refer to the contact information provided in the original product packaging or on the official Hilceriy website. When contacting support, please have your product model number (BPSPT-1) and purchase details ready.

